

Declaration for Patent Application and Power of Attorney

As a below named inventor, I hereby declare that my residence, post office address, and citizenship are as stated below next to my name, and that I believe I am the original, first and sole inventor (if only one is listed) or an original, first and joint inventor (if plural names are listed) of the subject matter which is claimed and for which a patent is sought on the invention described in the attached specification entitled **Artificial Synapse Chip**.

First or Sole Inventor:	Full name:	HARVEY A. FISHMAN	Citizenship:	USA
	Residence:	400 Claremont Way, Menlo Park, CA 94025		
	Postal Address:	same as above		
Second Joint Inventor (if any):	Full name:	MARK BLUMENKRANZ	Citizenship:	USA
	Residence:	20 Larguita Lane, Portola Valley, CA 94306		
	Postal Address:	same as above		
Third Joint Inventor (if any):	Full name:	STACEY F. BENT	Citizenship:	USA
	Residence:	3252 Cowper, Palo Alto, CA 94304		
	Postal Address:	same as above		
Fourth Joint Inventor (if any):	Full name:	DAVID M. BLOOM	Citizenship:	USA
	Residence:	4265 Willow Brook Lane, Wilson, WY 83014		
	Postal Address:	same as above		
Fifth Joint Inventor (if any):	Full name:	MARK C. PETERMAN	Citizenship:	USA
	Residence:	1705 El Camino Real, Palo Alto, CA 94306		
	Postal Address:	same as above		
Second Joint Inventor (if any):	Full name:	JONATHAN M. ZIEBARTH	Citizenship:	USA
	Residence:	151 Calderon Ave. #295, Mountain View, CA 94041		
	Postal Address:	same as above		
Third Joint Inventor (if any):	Full name:	CHRISTINA LEE	Citizenship:	USA
	Residence:	662 Panorama Drive, San Francisco, CA 94131		
	Postal Address:	same as above		
Fourth Joint Inventor (if any):	Full name:	THEODORE LENG	Citizenship:	USA
	Residence:	400 Ortega Avenue, Apt. 108-B, Mountain View, CA 94040		
	Postal Address:	same as above		
Fifth Joint Inventor (if any):	Full name:	JAAN NOOLANDI	Citizenship:	Canada
	Residence:	577 Hawthorne Avenue, Palo Alto, CA 94301		
	Postal Address:	same as above		
Fifth Joint Inventor (if any):	Full name:	NEVILLE MEHENTI	Citizenship:	USA
	Residence:	19 Pennington Road, East Windsor, NJ 08520		
	Postal Address:	same as above		

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a). I claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

PRIOR FOREIGN APPLICATION(S)

Country	Application Number	Date of Filing	Priority Claimed Under 35 U.S.C. §119
NONE			<input type="checkbox"/> Yes <input type="checkbox"/> No

I claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

PRIOR U. S. APPLICATION(S)

Application No.	Filing Date	Status			
10/184,210	06/27/2002	<input type="checkbox"/> Provisional	<input type="checkbox"/> Patented	<input checked="" type="checkbox"/> Pending	<input type="checkbox"/> Regular
60/301,934	06/29/2001	<input checked="" type="checkbox"/> Provisional	<input type="checkbox"/> Patented	<input type="checkbox"/> Pending	<input type="checkbox"/> Regular

60/450,980	02/27/2003	<input checked="" type="checkbox"/> Provisional	<input type="checkbox"/> Patented	<input type="checkbox"/> Pending	<input type="checkbox"/> Regular
-------------------	-------------------	---	-----------------------------------	----------------------------------	----------------------------------

I hereby appoint Thomas J. McFarlane, Reg. No. 39,299 , Marek Alboszta, Reg. No. 39,894, Ron Jacobs, Reg. No. 50,142, Katharina Wang Schuster, Reg. No. 50,000, Tianhua Gu, Reg. No. 52,480 and Bertram Rowland, Reg. No. 20,015 as my agents with full power of substitution to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith. Direct all correspondence to:

Bertram Rowland
2345 Yale Street, 2nd Floor
Palo Alto, CA 94306
tel: (650) 424-0100
fax: (650) 424-0141

The attorney docket number for this case is: **S02-296**.

I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under Title 18, §1001 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

INVENTOR SIGNATURE(S)

HARVEY A. FISHMAN	Date	MARK BLUMENKRANZ	Date
STACEY F. BENT	Date	DAVID M. BLOOM	Date
MARK C. PETERMAN	Date	JONATHAN M. ZIEBARTH	Date
CHRISTINA LEE	Date	THEODORE LENG	Date
JAAN NOOLANDI	Date	NEVILLE MEHENTI	Date